

MIKHAYLOVA, R.S.; FILIMONOVA, Yu.A.; MANOKHINA, K.T.

Relations of the plague microbe to lactose. Zhur. mikrobiol.
epid. i immun., 40 no.1:123-127'63. (MIRA 16:10)

1. Iz Protivochumnogo instituta Kavkaza i Zakavkaz'ya, Stavropol'.

*

ACC NR: AP6024445

SOURCE CODE: UR/0016/66/000/007/0103/0107

AUTHOR: Basova, N. N.; Filimonova, Yu. A.; Kanchukh, A. A.

ORG: Rostov-on-Don Antiplague Institute (Rostovskiy-na-Donu protivochumnyy institut)

TITLE: Antimicrobial and antitoxic immunity in experimental plague

SOURCE: Zhurnal mikrobiologii, epidemiologii, i immunobiologii, no. 7, 1966, 103-107

TOPIC TAGS: immunity, antitoxin immunity, plague toxin, bacterial toxin, toxin resistance, toxoid immunization, *Pasteurella pestis*, plague microbe, ~~toxin~~

ABSTRACT: Bioassay and serological methods were employed in a comparative study of immunity and toxin resistance in groups of mice receiving single immunizations with *P. pestis* "toxoid" fraction I, and a mixture of both antigens. Twenty gamma of fraction I were given and 100 gamma of toxoid containing 1% fraction I were administered. The antigen mixture took effect within 24 hr, while the fraction I group did not show immunity until 8 to 26 days after injection. After 26 days the level of resistance to infection in both groups was about the same. Toxin resistance was highest in the group inoculated with toxoid

Card 1/2

UDC: 615.778.8-03:614.449.57

ACC NR: AP6024445

alone. None of the mixtures protected against toxin earlier
than 24 hr. after vaccination. [WA-50; CBE No. 12]

SUB CODE: 06/ SUBM DATE: 04Jan65/ ORIG REF: 006/ OTH REF: 007/

Card 2/2

4. *F. L. Monoud, Z.G.*

Country : USSR Category : Soil Science. Physical and Chemical Properties of Soils.

Abs. Jour. : *ZEM. BIOL.*, No 6, 1959, No 24-11

Author : Batalin, A. Khai, Bofdaryva, Ye. S. I. Bogolyubova, N. I. Slobodkina, L. V. Filimonova, Z. G. I. Shcherbakova, N. I. Shchurko, V. A. I. Shcherbakova, N. I. Shchurko, V. A.

Inst. : All-Union Chemical Society (and D. I. Shchedrov)

Title : The Contents of Boron, Cobalt, Copper, Iron, Manganese, Nickel, Zinc, and Phosphorus in Certain Soils of the Vorochinskaya Rayon in Chkalovskaya Oblast. *Zem. Biol.*, No 6, 1959, pp. 7, 7-9

Orig. Pub. : Sov. Akad. Nauk. D. I. Monodova, 1957, pp. 7, 7-9

Abstract : Determination of the microelements was conducted in the arable and subarable horizons of chernozem soils under different cultivations.

Card : 1/3

Abstract : Analyses were conducted according to the methods of the Institute of Geochemistry and Analytical Chemistry of USSR. The contents of the microelements in the structure of Chernozem soils are: B, 0.00002-0.00071; Co, 0.00004-0.00045; Cu, 0.0000-0.011; Mn, 0.00001-0.016; Ni, 0.0000-0.00064; Zn, 0.0007-0.0677; P, 0.0000-0.001.

Card : 2/3

Orig. Pub. : 26

Abstract : stated soils corresponds to their average content in the Chernozem soils of the USSR.

M. N. Kudryavtsev

Card : 3/3

USSR/Plant Physiology - Mineral Nutrition.

I.

Abs Jour : Ref Zhur - Biol., No 23, 1953, 104378

Author : Filimonova, Z.G., and Batalin, A.Kh.

Inst : Chkalov Oblast Branch of the All-Union Chemical Society
imeni D.I. Mendeleyev

Title : Molybdenum Content in Maize Seeds (Early Varieties)

Orig Pub : Vestn. Chkalovskogo Obl. Otd. Vses. Khim. O-va im. D.I.
Mendeleyeva, vyp. 7, 15-16, 1957.

Abstract : No abstract.

Card 1/1

- 16 -

ALEKSANDROV, B.M., nauchnyy sotrudnik; ALEKSANDROVA, T.N., nauchnyy sotrudnik; BELYAYEVA, K.I., nauchnyy sotrudnik; GORBUNOVA, Z.A., nauchnyy sotrudnik; GORDEYEVA-PERTSEVA, L.I., nauchnyy sotrudnik; GORDEYEVA, L.N., nauchnyy sotrudnik; GULIAYEVA, A.M., nauchnyy sotrudnik; DMITRENKO, Yu.S., nauchnyy sotrudnik; ZABOLOTSKIY, A.A., nauchnyy sotrudnik; MAKAROVA, Ye.F., nauchnyy sotrudnik; NOVIKOV, P.I., nauchnyy sotrudnik; POKROVSKIY, V.V., nauchnyy sotrudnik; SMIRNOV, A.F., nauchnyy sotrudnik; STEFANOVSKAYA, A.F., nauchnyy sotrudnik; URBAN, V.V., nauchnyy sotrudnik. Prinimali uchastiye: BALAGUROVA, M.V., nauchnyy sotrudnik; WEBER, D.G., nauchnyy sotrudnik; POTAPOVA, O.I., nauchnyy sotrudnik; SOKOLOVA, V.A., nauchnyy sotrudnik; FILIMONOVA, Z.I., nauchnyy sotrudnik; POPENKO, L.K., nauchnyy sotrudnik. ZYTSAR', N.A., red.; PRAVDIN, I.F., red.; PANKRASHOV, A.P., red.; SHEVCHENKO, L.V., tekhn.red.

[Lakes of Karelia; natural features, fishes, and fisheries] Ozera Karel'skii; priroda, ryby i rybnoe khoziaistvo; spravochnik. Petrozavodsk, Gos.izd-vo Karel'skoi ASSR, 1959. 618 p. (MIRA 13:8)

(Continued on next card)

ALEKSANDROV, B.M. --- (continued) Card 2.

1. Russia (1917- R.S.F.S.R.) Karel'skiy ekonomicheskiy administrativnyy rayon. Sovet narodnogo khozyaystva. 2. Karel'skoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta ozernogo i rechnogo rybnogo khozyaystva (for Aleksandrov, Aleksandrova, Bel'yayeva, Gorbunova, Gordeyeva-Pertseva, Gordeyeva, Gulyayeva, Dmitrenko, Zabolotskiy, Makarova, Novikov, Pokrovskiy, Smirnov, Stefanovskaya, Urban). 3. Karel'skiy filial AN SSSR (for Balagurova, Veber, Potapova, Sokolova, Filimonova, Popenko).

(Karelia--Lakes)

SOKOLOVA, V.A.; FILIMONOVA, Z.I.

Food supply in some small lakes of southern Karelia. Trudy Kar.
fil. AN SSSR no.33:49-62 '62. (MIRA 16:2)
(Karelia--Fishes--Food)

FILIMONOVA, Z.N.

Morphology of the sprout and biology of seedlings in Allium L. species during their first year of development. Uzb.biol.zhur. no.6:61-66 '58. (MIRA 12:1)

1. Botanicheskiy sad AN UzSSR.
(Onions)

FILIMONOVA, Z. N.: Master Biol Sci (diss) -- "On the ontogenesis and morphology of certain species of the genus Allium L.". Tashkent, 1959. 18 pp (Acad Sci Uzbek SSR, Botanical Garden), 175 copies (KL, No 12, 1959, 128)

FILIMONOVA, Z.N.

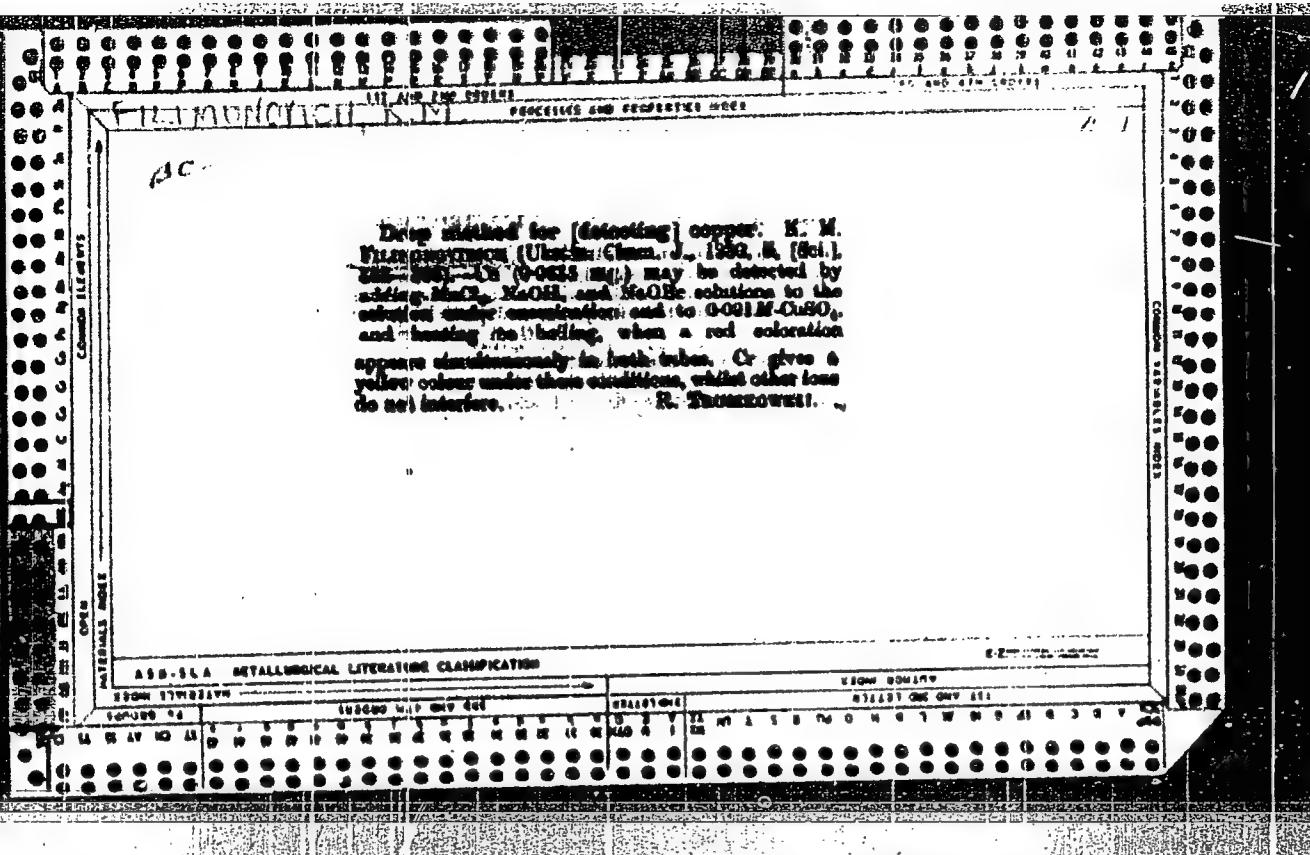
Bulb morphology in some species of the genus Allium L. Uzb.
biol. zhur. no.4:20-31 '59. (MIRA 13:1)

1. Botanicheskiy sad AN UzSSR.
(Allium)

EXCERPTA MEDICA Sec 19 Vol 2/5 Rehabilitation May 59

1133. Organization and teaching of medical gymnastics in schools (Russian text)
Filimonova-Dylekina A. A. *Pediatriya* 1958, 6 (20-21) Tables 1 Illus. 1

A scheme is presented for the organization of physical education in schools for 10 to 12-years-old children with postural defects. The necessity is stressed of complex treatment, carried out by a team including a pedagogue for physical training, a medical-gymnastics instructor, a teacher, a physician, and the parents. Also is stressed selection of appropriate desks, rooms, etc. Stoytschell - Sofia



FILIMONOVICH, K. M.

Filimonovich, K. M. "The oxidation of aluminum," Izvestiya Kiyevsk. politekhn. in-ta, Vol VIII, 1948 (on cover: 1949), p. 175-77

SO: U-5241, 17 December 1949, (Letopis 'Zhurnal 'ryki Statey, No. 2, 1949)

SOV/137-58-7-15461

Translation from Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 220 (USSR)

AUTHORS: Filimonovich, K.M., Lykov, Ye.P., Polyakova, D.A.,
Burinaya, N.F.

TITLE: Influence of the Ions of Some Electrolytes on the Process of
Anodizing of Aluminum (Vliyanie ionov nekotorykh elektro-
litov na protsess anodirovaniya alyuminiya)

PERIODICAL: Izv. Kiyevsk. politekhn. in-ta, 1957, Vol 20, pp 140-148

ABSTRACT: The influence exerted on the process of anodizing of basic
components of aluminum alloys (ions of Cu, Fe, Mg, Zn, Ni,
Mn, and Cr) which accumulate in the baths during the process
of anodic treatment was investigated. Sheet Al type AZ GOST
3549-47 served as the material for the investigation. The ox-
idizing was conducted in H_2SO_4 (20 and 40%) solutions at an
anodic cd of 1.5 amp/dm² and at 8-20°C during 40 min. Evalu-
ation was made according to the change in weight of the speci-
mens and their resistance to corrosion (immersion for a cer-
tain time in 3% NaCl solution). It is shown that the concentra-
tion of Cu ions in the electrolyte should be (blank space left in
original. Transl. Ed. Note) 0.025%; the presence of other ions

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SOV/137-58-7-15461

Influence of the Ions of Some Electrolytes on the Process of Anodizing (cont.)

has practically no influence on the quality of the oxide film. In order to eliminate excess Cu ions from the electrolyte, the oxidation of Al was done by A-C current simultaneously with the electrolysis. A Pb plate served as the anode, a stainless-steel plate as the cathode. Cd was 3 amp/dm². It is indicated that the method may be recommended for the prevention of accumulation of Cu ions during the oxidation of Al.

Ye.K.

1. Aluminum--Oxidation
2. Electrolytes--Performance

Card 2/2

F. C. P. M. W. K. H. X-171

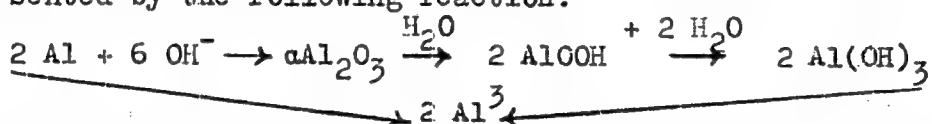
AUTHOR: Filimonovich, K. M.

73-1-19/26

TITLE: Effect of Cations Accumulating in the Electrolyte on the Process of Anodic Oxidation of Aluminium and Its Alloys. (Vliyaniye Nakaplivayushchikhsya v Elektrolite Kationov na Protsess Anodnogo Oksidirovaniya Alyuminiya i Yego Splavov.)

PERIODICAL: Ukrainskiy Khimicheskiy Zhurnal, 1957, Vol. 23, No.1, pp. 97 - 102 (USSR).

ABSTRACT: The process of anodic oxidation of aluminium is represented by the following reaction:



It is known that during the anodic oxidation of aluminium in a sulphuric acid electrolyte the free acid gradually changes aluminium sulphate. In this way the concentration of hydrogen ions is decreased and the number of aluminium ions (and of other metals) is increased. The effect of changes in the composition of the electrolyte, occurring during the oxidation process due to alternating current, on the properties of the oxide layer were investigated. At the same time the permissible quantity of sulphuric

Card 1/2

73-1-19/26
Effect of Cations Accumulating in the Electrolyte on the Process
of Anodic Oxidation of Aluminium and Its Alloys.

acid and of annealing additives in the sulphuric acid electrolyte were determined. The limit of optimal concentration of sulphuric acid used during the anodic oxidation of aluminium was found to be in the range of 20 - 10% and the corresponding aluminium content in the electrolyte should not exceed 17 gram/litre. The continuity of the oxide layer is disturbed if the concentration of sulphuric acid in the electrolyte is less than 10%. A permanent accumulation of ions of zinc, nickel, iron and magnesium in the electrolyte does not affect the quality of the oxide layer. The concentration of Cu^{2+} ions in the electrolyte should not exceed 0.0125%. A further increase in the concentration of copper ions causes flaws in the form of black or red deposits. There are 1 table, 4 graphs and 2 Slavic references.

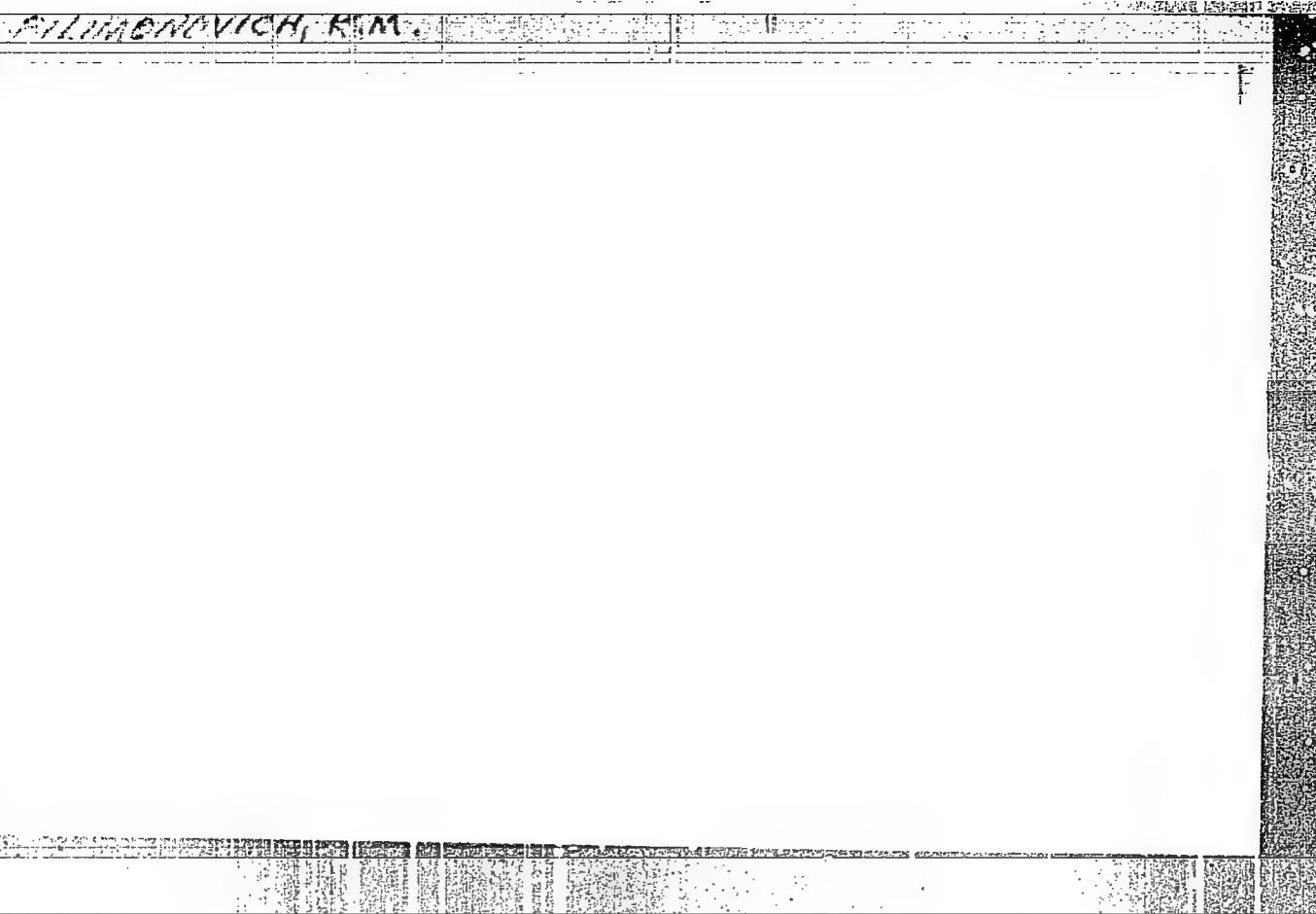
SUBMITTED: July, 3, 1956.

ASSOCIATION: Kiyev Polytechnical Institute. (Kiyevskiy Politekhnicheskiy Institut.)

AVAILABLE: Library of Congress
Card 2/2

"APPROVED FOR RELEASE: 06/13/2000

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APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413030012-7"

FILIMONOVICH, K.M.

Ammonia method of brass oxide coating. Ukr.khim.zhur. 29 no.6:
636-642 '63. (MIRA 16:9)
(Brass) (Copper oxides) (Ammonia)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413030012-7

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413030012-7"

SAPRYKIN, N.D., voyenny letchik pervogo klassa, podpolkovnik; MLLIMONTOV, N.I., voyenny letchik vtorogo klassa, gvardii podpolkovnik.

Ground control of fighter planes in the landing approach. Vest.Vozd. Fl. 39 no.9121-25 S '56. (MLRA 10:1)
(Airplanes--Landing)

FILIMONTSEV, A.V., inzh., red.; MUNITS, A.P., red.; GOLUBKOVA, L.A.,
tekhn.red.; TEMKINA, Ye.L., tekhn.red.

[Production standards for planning and research work paid for
according to a piece-rate system] Normy vyrabotki na perektnye
i izyskatel'skie raboty, oplachivaemye sdel'no. Moskva, Gos.
izd-vo lit-ry po stroit., arkhit. i stroit.materialam. Pt.28.
[Exterior heating systems] Naruzhnye teplovye seti. 1958.
23 p. (MIRA 12:7)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsiy.
(Heat engineering) (Hydroelectric power stations)

ALEKSANDROVICH, Yu.B., inzh., red.; CHERNIN, L.A., inzh., red.;
NAYDICH, I.M., kand. tekhn. nauk, red.; BELYAYKINA, I.V.,
inzh., red.; NIKOLAYEV, A.A., inzh., red.; SOSHNIKOV, G.F.,
inzh., red.; FILIMONTSEV, A.V., inzh., red.; POPOVA, V.V.,
inzh., red.;IFTINKA, G.A., red.izd-va; RODIONOVA, V.M.,
tekhn. red.

[Construction specifications and regulations] Stroitel'nye
normy i pravila. Moskva, Gosstroizdat. Pt.1. Sec. G.ch.7 [Heating
systems; materials, equipment, fixtures, elements, and structures]
Teplovye seti; materialy, oborudovanie, armatura, izdeliia i
stroitel'nye konstruktsii (SNiP I-G.7-62). 1963. 22 p.

(MIRA 17:1)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva. 2. Gosstroy SSSR (for Aleksandrovich). 3. Mezh-
duvedomstvennaya komissiya po peresmotru Stroitel'nykh norm i
pravil (for Chernin, Naydich). 4. Vsesoyuznyy Gosudarstvennyy
institut po proyektirovaniyu teplovых elektrostantsiy (for
Belyaykina, Nikolayev, Soshnikov, Filimontsev). 5. Vsesoyuz-
nyy nauchno-issledovatel'skiy i proyektnyy institut po teplo-
tekhnicheskim sooruzheniyam (for Popova).

MACVEYEV, V.A.; FILIMONTSEV, D.P.; RADOMYSEL'SKIY, I.D.; FRANTSEVICH, I.N.

Industrial unit for the reduction of scale by a combined
method. Porosh. met. 4 no.6:89-95 N.D '64. (MIRA 18:3)

I. Yuvenergometallurgprom i Institut problem materialovedeniya
AN UkrSSR.

KUTUZOV, L.G.; RYSIN, V.I., inzh.; SHIRKEVICH, N.S., inzh.; KUZNETSOV, N.D., inzh.; ~~FILIMONTSOV~~, I.S., inzh.; PAPINOVA, O.I., inzh.; KHOLODKOV, N.Ye., inzh.; ASTAFUROV, O.A.; SASS, K.Z.; SASIM, A.S.; SAFAROVA, Ye.S. [deceased]

Exchange of practices by the enterprises of economic councils.
Torf. prom. 40 no.7:34-38 '63. (MIRA 17:1)

1. Gusevskoye torfopredpriyatiye Verkhne-Volzhskogo soveta narodnogo khozyaystva (for Kutuzov). 2. Torfopredpriyatiye Vasilevichi II Belorusskogo soveta narodnogo khozyaystva (for Shirkevich, ~~Filimontsov, Papinova, Kholodkov~~, Gusevskiy lesnoy khimicheskiy kombinat Gor'kovskoy obl. (for Kuznetsov). 4. Fornosovskiy torfbriketnyy zavod Leningradskogo gosudarstvannogo tresta torfyanoy promyshlennosti (for Sass).

AUTHOR: Filimoshin, F.

SOV/130-58-7-23/35

TITLE: I am Proud of My Work (Gorzhus' svoyey professiyey)

PERIODICAL: Metallurg, 1958, nr 7, p 38 (USSR).

ABSTRACT: The author gives a brief account of his career. His work as a steelmelter at the Magnitogorsk Metallurgical Combine has earned him the Orders of Lenin and of Red-Banner Labour. He notes the high degree of automation and mechanization now installed in the melting shop and states that his crew have produced 800 tons more steel than planned.

ASSOCIATION: Magnitogorskiy metallurgicheskiy kombinat
(Magnitogorsk Metallurgical Kombine)

Card 1/1

1. Labor--Attitudes 2. Labor--USSR 3. Steel industry--USSR
4. Personnel--USSR

L 04157-67 EWT(d)/EWT(1)/EWT(m)/EWP(c)/EWP(v)/T/EWP(t)/ETI/EWP(k)/EWP(1)

ACC NR: AR6016525 IJP(c) JD SOURCE CODE: UR/0276/65/000/012/B033/B033

AUTHOR: Aleksandrov, V. P.; Golovachev, V. G.; Okunev, A. I.; Petrov, B. I.;
Filimoshin, V. G.

TITLE: Characteristics of machining a surface by the electrochemical method

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 12B240

REF SOURCE: Tr. Kuybyshevsk. aviat. in-t, vyp. 20, ch. 1, 1965, 169-173

TOPIC TAGS: electroerosion machining, error, electrochemistry

ABSTRACT: A method is proposed for calculating the parameters during machining of a surface by a flat electrode tool moving at a constant rate in the direction of the surface being finished. Formulas are given for calculating the minimum necessary allowance for leveling the surface from the initial error Δ_0 to the final error Δ_k in those cases where the rate of motion of the electrode tool is equal to, greater than and less than the rate of electrochemical dissolution. 5 illustrations. L. Tikhonova [Translation of abstract]

SUB CODE: 13

Card 1/1

UDC: 621.9.047

ACC NR: AR6020049

SOURCE CODE: UR/0276/66/000/001/B045/B045

AUTHOR: Aleksandrov, V. P.; Golovachev, V. G.; Okunev, A. I.; Petrov, B. I.; Filimoshin, V. G.; Turapin, V. M.

TITLE: On the problem of calculating various parameters in the process of electrochemical dimensional machining

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 1B309

REF SOURCE: Tr. Kuybyshevsk. aviat. in-t, vyp. 20, ch. 1, 1965, 7-15

TOPIC TAGS: electroerosion machining, electrochemistry, metal machining

ABSTRACT: Finishing of flat surfaces is used as an example for calculation of various parameters. Finishing on installations with stationary (the simplest case) and movable tool electrodes are described and calculated on the basis of the law of electrochemical dissolution. Parameters calculated from formulas and obtained as a result of experiments are compared: the running clearance, rate of electrochemical dissolution and time for removal of the required amount of material. It is found that the computational results differ little from one another and may be used in development of engineering methods for calculating the basic parameters in the process of electrochemical dimensional finishing. 4 illustrations, 1 table. L. Tsukerman. [Translation of abstract]

USSR/Nuclear Physics - Nucleon Density

FD-801

Card 1/1 Pub. 146-14/21

Author : Rapoport, L. P., and Filimov, V. A.

Title : Statistical computation of density distribution of nucleons, and the shell structure of the nucleus

Periodical : Zhur. eksp. i teor. fiz., 27, 243-250, Aug 1954

Abstract : The Ritz method with two variable parameters is applied to the statistical computation of density distribution of nucleons in the nucleus. The obtained results are applied to the analysis of the shell structure of the nucleus. The results are in agreement with the scheme of shell filling suggested by Mayer (Phys. Rev. 78, 16, 22 (1949)). Eight references including 5 foreign.

Institution : Voronezh State University

Submitted : November 20, 1953

KOGAN, A.Kh.; CHECHULIN, A.S.; Prinimali uchastiye: VEDROVA, N.N., student;
FILIMOVA, M.V., student (Moskva)

Analysis of the importance of the mechanical factor in the blasto-
genic action of compressive cellophane capsules applied to the
kidneys. Arkh.pat. 20 no.1:44-49 '58. (MIRA 13:12)

1. Iz kafedry patofiziologii (zav. - prof. S.M.Pavlenko) i iz
TSentral'noy nauchno-issledovatel'skoy laboratorii imeni prof.
S.I. Chechulina (zav. A.S.Chechulin) I Moskovskogo ordena Lenina
meditsinskogo instituta imeni I.M. Sechenova.
(KIDNEYS--TUMORS) (CELLOPHANE--PHYSIOLOGICAL EFFECT)

LOSAVIO, Georgiy Simonovich; SEMENOV, Nikolay Vasil'yevich; FILIN, A.G.,
red.; DONSAYA, G.D., tekhn.red.

[Easier starting of the IaAZ-204 motortruck engines] Metody
oblegcheniya puskav avtomobil'nogo dvigatelya IaAZ-204. Moskva,
Avtotransizdat, 1960. 39 p. (MIRA 13:11)
(Motortrucks--Cold weather operation)

ARKHANGEL'SKIY, Yuriy Aleksandrovich; FILIN, A.G., red.; GALAKTIONOVA,
Ye.N., tekhn.red.

[Noise prevention in enterprises of automotive transportation]
Bor'ba s shumom v avtotsportnykh predpriyatiakh. Moskva,
Nauchno-tekhn.izd-vo avtomobil'nogo transp. i shosseinykh dorog
RSFSR, 1960. 47 p. (MIRA 13:12)
(Acoustical engineering)

PROKOPOV, Leonid Dmitriyevich; FILIN, A.G., red.; NIKOLAYEVA, L.N.,
tekhn. red.

[Repair of pneumatic and vacuum windshield wipers] Remont pnev-
matischeskikh i vakuumnykh stekloochistitelei. Moakva, Nauchno-
tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog
RSFSR, 1961. 60 p.

(MIRA 14:7)

(Automobiles—Equipment and supplies)

CHEKRYGIN, Ivan Gavrilovich; FILIN, A.G., red.; DONSKAYA, G.D., tekhn.
red.

[Manual for the automobile lubricator] Posobie smazchiku avtomobilei.
Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shos-
seinykh dorog RSFSR, 1961. 62 p. (MIRA 14:7)
(Automobiles—Lubrication)

SHEYNIN, Aleksandr Mikhaylovich; BORISOV, Mikhail Ivanovich; FILIN, A.G.,
red.; DONSKAYA, G.D., tekhn. red.

[Standards of liquid fuel consumption for automobiles; reference
book] Normy raskhoda zhidkogo topliva dlja avtomobilej; spravochnik.
Moskva, Nauchno-tehn. izd-vo M-va avtomobil'nogo transp. i shosseinykh
dorog RSFSR, 1961. 174 p. (MIRA 14:7)
(Automobiles—Fuel consumption)

SHESTOPALOV, Konstantin Sergeyevich; FILIN, A.G., red.; NIKOLAYEVA, L.N.,
tekhn. red.

[Maintenance, and repair of motor vehicles; mechanic's manual]
Tekhnicheskoe obsluzhivanie i remont avtomobilei; posobie slesariu.
Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh
dorog RSFSR, 1961. 198 p. (MIRA 14:7)
(Motor vehicles—Maintenance and repair)

LEVINSON, Boris Vladimirovich; CHERNYSHOV, Leonid Fedorovich;
ALEKSEYEV, N.I., retsenzent; FILIN, A.G., red.; BODANOV, A.P., tekhn. red.

[Centralization of the maintenance and repair of motor vehicles] Tsentralizatsiya tekhnicheskogo obsluzhivaniia i remonta avtomobilei. Moskva, Avtotransizdat, 1962. 45 p.
(MIRA 15:10)

(Motor vehicles—Maintenance and repair)

KOCHNOV, Vasiliy Nikolayevich; MONOSOV, Zhores Veniaminovich; FILIN,
A.G., red.; BODANOVA, A.P., tekhn. red.

[Assembly-line repair of motortruck cabins] Remont kabin gru-
zovykh avtomobilei na potoke. Moskva, Avtotransizdat, 1962.
73 p.

(Motortruck—Maintenance and repair)
(Assembly-line methods)

BOYKO, Ivan Ivanovich, kand. sel'khoz. nauk; BUYANOV, Vasiliy
Andreyevich, inzh.; FILIN, A.G., red.; BODANOVA, A.P., tekhn.
red.

[Freight haulage with tractor trains] Perevozka gruzov avto-
poezdam; opyt maiakov-avtotransportnikov. Moskva, Avto-
transizdat, 1962. 106 p. (MIRA 16:1)

(Tractor trains)
(Transportation, Automotive)

KANAYEV, Valeriy Nikolayevich; FILIN, A.G., red.; GORYACHKINA, R.A.,
tekhn. red.

[Over-all mechanization of motor-vehicle lubrication] Kompleks-
naia mekhanizatsiia smazki avtomobilei. Moskva, Avtotransiz-
dat, 1962. 110 p. (MIRA 15:12)
(Motor vehicles—Lubrication)

VEL'MOZHIN, Aleksandr Vasil'yevich; NOVIKOV, Aleksandr Nikolayevich;
FILIN, A.G., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Organization of transport operations in the construction of
hydroelectric power stations] Organizatsiya perevozok na
stroitel'stve GES. Moskva, Avtotransizdat, 1963. 54 p.
(MIRA 16:7)

(Hydroelectric power stations)
(Transportation, Automotive)

CHIKHGIN, Ivan Gavrilovich; FILIK, A.G., red.

[Handbook for the greaser of motor vehicles] Posobie
smazchiku avtomobilei Izd.2., isp. i dop. Moskva,
Izd-vo "Transport," 1964. 76 p. (MIRA 17:8)

FILIN, A.G., red.

[Specifications for the major overhaul of the ZIL-164 and ZIL-MMZ-5851 motor vehicles] Tekhnicheskie usloviia na kapital'nyi remont avtomobilei ZIL-164 i ZIL-MMZ-5851. Moskva, Transport, 1964. 583 p. (MIRA 17:11)

1. Russia (1917- R.S.F.S.R.) Ministerstvo avtomobil'nogo transporta i shosseynykh dorog.

CHEKRYGIN, Ivan Gavrilovich; FILIN, A.G., red.

[Safety measures in operating motor-trucks] Tekhnika bez-
opasnosti pri ekspluatatsii gruzovykh avtomobilei. Mo-
siva, Transport, 1965. 31 p. (MIRA 18:8)

ZAYKIN, Yakov Khonovich, doktor tekhn. nauk; PURNIK, Mikhail Abramovich, inzh.; FILIN, A.G., red.

[Operational testing of the rolling stock of automotive transportation] Ekspluatatsionnye ispytaniia podvizhnoego sostava avtomobil'nogo transporta. Moskva, Transport, 1965. 55 p. (MIRA 18:10)

On the ore: Dq. (the content of the metal in the metal content of the corresponding ore) the metal content of the corresponding ore the metal content of the corresponding ore. After the analysis of the ore is determined the metal content of the corresponding ore.

PP
POT

*Planszedzgeologija Ministerstwa geologii i
okhrany medzi.*

VOSTRIKOV, S.I.; ZUYEV, L.N.; KUZNETSOV, V.I.; MAKHUTIN, N.A.;
MESPELA, A.N.; PELISHENKO, V.A.; TOKMAKOV, A.K.; FILIN, A.M.;
MAYZEL', Yu.M., kand.tekhn.nauk, retsenzent; KOTLYAR, I.V.,
kand.tekhn.nauk, red.; PISAREV, M.S., inzh.-polkovnik zapasa,
red.; MYASNIKOVA, T.F., tekhn.red.

[Theory of airplane engines] Teoriia aviatsionnykh dvigatelei.
Pod red. I.V.Kotliara. Moskva, Voen.izd-vo M-va obor.SSSR.
Pt.2. [Theory of jet engines] Teoriia reaktivnykh dvigatelei.
1960. 281 p. (MIRA 13:7)
(Airplanes--Jet propulsion)

File A.P.I.

FILE I BOOK EVALUATION

00/0001

Reuter, R. R., L. M. Perry, V. L. Rumsby, K. M. Rumsby, and A. H. W.

V. A. Richardson, A. J. Tolman, and A. H. W.

NOTICE (REPRINTED FROM THE AIR FORCE INSTITUTE OF TECHNOLOGY LIBRARY)

(Theory of Aircraft Propulsion, Pt. 2: Theory of Jet Engines) (Monograph)

Report No. 1560, 202, 20, or copies printed not given.

Ed. (Title page) L. F. Kallman, Candidate of Technical Sciences; Ed. (Index)

Book: Ed. (Index), Candidate of Technical Sciences; Ed. (Index)

Publication: 1953

NOTES: This document is for students of aero-technical schools. It may

also be useful to flying and ground personnel of the Air Force, Army, and

Marine (Aero) Forces, Society for Promotion of the Air Forces, Army, and Navy.

Character: The book contains the theoretical and experimental problems of aircraft engines.

Review: Special attention is given to the physical causes of phenomena and

processes which take place in parts and in the whole engine. No particular

particular engine is mentioned. There are 8 references, all Soviet. No permission

date 2-7-61

Filing A.F.
BOROVSKIY, P. V.

PHASE I BOOK EXPLOITATION

SOV/6206 75

Konferentsiya po teorii plastin i obolochek. Kazan', 1960.

Trudy Konferentsii po teorii plastin i obolochek; 24-29 oktyabrya 1960. (Transactions of the Conference on the Theory of Plates and Shells Held in Kazan', 24 to 29 October 1960). Kazan'. [Izd-vo Kazanskogo gosudarstvennogo universiteta] 1961. 426 p. 1000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Kazanskiy filial. Kazanskiy gosudarstvennyy universitet im. V. I. Ul'yanova-Lenina.

Editorial Board: Kh. M. Mushtari, Editor; F. S. Isanbayeva, Secretary; N. A. Alumyaev, V. V. Bolotin, A. S. Vol'mir, N. S. Ganiyev, A. L. Gol'denveyzen, N. A. Kil'chevskiy, M. S. Kornishin, A. I. Lur'ye, G. N. Savin, A. V. Sachenkov, I. V. Svirskiy, R. G. Surkin, and A. P. Filippov. Ed.: V. I. Aleksagin; Tech. Ed.: Yu. P. Semenov.

PURPOSE: The collection of articles is intended for scientists and engineers who are interested in the analysis of strength and stability of shells.

Card 1/14

Transactions of the Conference (Cont.)

75
SOV/6206

COVERAGE: The book is a collection of articles delivered at the Conference on Plates and Shells held in Kazan' from 24 to 29 October 1960. The articles deal with the mathematical theory of plates and shells and its application to the solution, in both linear and nonlinear formulations, of problems of bending, static and dynamic stability, and vibration of regular and sandwich plates and shells of various shapes under various loadings in the elastic and plastic regions. Analysis is made of the behavior of plates and shells in fluids, and the effect of creep of the material is considered. A number of papers discuss problems associated with the development of effective mathematical methods for solving problems in the theory of shells. Some of the reports propose algorithms for the solution of problems with the aid of electronic computers. A total of one hundred reports and notes were presented and discussed during the conference. The reports are arranged alphabetically (Russian) by the author's name.

Card 2/14

-Transactions of the Conference (Cont.)	SOV/6206
Fel'dman, M. R. Vibration of an Anisotropic Plate Making Allowance for the Rheological Properties of the Material	382
Filin, A. P. Analysis of Arbitrarily Shaped Shells Based on a Discrete Design Scheme	388
Fleyshman, N. P. Analysis of Plates With Curvilinear Stiffeners	399
Frolov, O. A. Stress Concentration in a Cylindrical Shell Weakened by a Cutout	408
Shveyko, Yu. Yu. Flutter of a Circular Cylindrical Shell	414
List of Reports Not Included in the Present Collection	419

Card 13/14

FILIN, A.P., doktor tekhn. nauk, prof.; PILINA, L.I. [translator];
NOVOZHILOV, V.V., retsenszent; OSVENSKAYA, A.A., red.;
KONTOROVICH, A.I., tekhn. red.; KRYAKOVA, D.M., tekhn. red.

[Modern methods of calculating composite statically indeterminate systems] Sovremennye metody rascheta slozhnykh staticheski neopredelimykh sistem; sbornik statei. Leningrad, Sudprongiz, 1961.
875 p.
(MIRA 15:12)

1. Chlen-korrespondent Akademii nauk SSSR (for Novozhilov).
(Structures, Theory of)

FILIN, A.P.

Calculating unarticulated bridge arches of arbitrary geometrical forms. Trudy Inst.stroi.dela AN Gruz.SSR no.1:89-157 '48.

(MLRA 9:8)

(Bridges, Arched)

FILIN, A.P.

Analytical detection of the line of pressure and determination of the thrust in a three-hinged arch. Soob. AN Gruz. SSR 9 no.5:289-296 '48.

(MIRA 9:7)

1. Akademiya nauk Gruzinskoy SSR, Institut stroitel'nogo dela, Tbilisi.
Predstavлено действител'nym chlenom Akademii K.S.Zavriyevym.
(Arches)

Filin, A. P. On a consequence of a variational principle of
the theory of elasticity. Akad. Nauk SSSR. Prikl. Mat.
Meh. 14 451-452 (1950) (Russian)

It is shown that the principle of minimum complementary
energy (Castiglione's principle) also represents the necessary
stationarity condition for an arbitrarily stressed body.

H. I. Ansoff (Santa Monica, Calif.).

Source: Mathematical Reviews,

Vol. 18 No. 2

Equation A P on the detector

$$P = \sum_{i=1}^n S_{i,j} (x_i - y_i)$$

and tables are provided for $S_{i,j}$ for $n = 2, 3, 4, 5, 6$.
Several theorems are given.

Reference: M. L. Glass and R. L. Rosters,

7-23

Applied Mechanics
Reviews, V. 7
May, 1954
Structures

1703. *Fillip, A. F.* Determination of redundants in physically nonlinear, statically indeterminate structures (in Russian). *Dokladi Akad. Nauk SSSR (N.S.)* 89, 4, 630-642, Apr. 1953.
Author investigates the influence of the plastic flow of concrete to the magnitude of redundants in statically indeterminate beam and arch systems. By using the method of virtual work, author derives the nonlinear equations for the additional work, done by plastic flow in such systems, and proves that the plastic flow causes a significant increase in bending moments and advocates taking into account the influence of creep of concrete in arch systems.

① *Struct*

J. H. Gabrya, USA

USSR/Engineering - Bibliography

FD-1135

Card 1/1 Pub. 41-16/17

Author : Filin, A. P.

Title : Review of N. I. Bezukhov's book "Theory of Elasticity and Plasticity"

Periodical : Izv. AN SSSR. Otd. tekhn. nauk 6, 151-156, Jun 1954

Abstract : Gives merits and shortcomings of N. I. Bezukhov's book "Theory of Elasticity and Plasticity", State Publishing House of Theoretical Engineering Literature, 1953.

Institution :

Submitted : April 6, 1954

FTLIN, A. P.

"A Possibility in the Use of Variational Methods of Construction Mechanics,"
Inzhenernyy sb., Vol 19, 1954, pp 125-140

The Author asserts that in the use of variational methods for a wide class of problems of construction mechanics, it is a sensible idea to separate the fundamental part of the calculation, depending only on kinematic and boundary conditions from the relatively small calculations connected with loads. As an example, the author cites the buckling of rectangular plates firmly attached along their contours.

RZhMekh, No 2, 1954

RP

Popov, A. P. Solution of integral equations by means of the
method of centers of gravity. Izv. SSSR 26, 171 (1954).
(Russian)

The solution of Fredholm's integral equation of the
second kind by means of successive approximations requires
the evaluation of a definite integral at each step of the
approximation. The author proposes to accomplish these
integrations by the aid of A. A. Popov's method of the scale
of centers of gravity [A new method of integration by means
of orthogonal pols, Gostehizdat, 1947; Quart. Appl. Math. 3,
166-174 (1945); MR 7, 86].

W. E. Milne.

Writing A. P. - On a different page

Where the 5 are - 100

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000413030012-7

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000413030012-7"

FILIN, Anatolij Petrovich; SOKOLOVA, Antonina Stepanovna; KALININ, V.S.,
redaktor; VOLCHOK, K.M., tekhnicheskiy redaktor

[Structural mechanics in shipbuilding] Stroitel'naya mekhanika
korablia. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-
nie. Pt.1. [Bending and strength of rods and rod systems]
Izgib i ustoichivost' sterzhnei i sterzhnevyykh sistem. 1957 .
443 p.

(MIRA 10:11)

(Structures, Theory of) (Naval architecture)

Filin, A.P.

AUTHOR: Filin, A.P. (Leningrad).

24-12-10/24

TITLE: On the stability of prestressed structural elements.
(Ob ustoychivosti predvaritel'no napryazhennykh elementov
konstruktsiy).

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh
Nauk, 1957, No.12, pp.54-56 (USSR)

ABSTRACT: Attention is drawn to an important possibility of utilising prestressing, since if certain design characteristics are observed and a certain regime is ensured in preliminary stressing, it is possible to increase the stability of compressed elements of a structure of large flexibility and to bring about conditions under which the loss of stability occurs at stresses at which the strength of the material is exhausted. What the author has in mind is to create stresses after the construction of the structure has been completed. Although the problem of the stability of prestressed rods has been mentioned several times in literature, the problem of stability of a prestressed rod whilst a useful load acts on it has not been considered; however, it is that problem which is of greatest interest. In para.1 the author considers the Card 1/2 stability during the process of prestressing; in para.2

On the stability of prestressed structural elements. 24-12-10/24

the stability of a prestressed rod stressed by a useful load is considered. It is shown that if the steel reinforcements in concrete are prestressed by a tensile force P (taking thereby into consideration the stress reduction caused by the settling and the creep of the concrete) satisfying Eq.(2.9), p.56, an increase of the critical stress will take place as compared to a non-prestressed element or an element prestressed by a force not satisfying this equation. Thus, by selecting appropriately the magnitude of prestressing, it is possible to ensure that the rod will not lose its stability before its strength is exhausted. This method can also be applied for increasing the stability of plates and shells. There are 6 references, 5 of which are Slavic.

SUBMITTED: July 12, 1957.

AVAILABLE: Library of Congress.

Card 2/2

AUTHOR: FILIN, A.P. (Leningrad) PA - 3092
 TITLE: The Construction of a Funicular Polygon. (O postroyenii
verevochnykh krivkykh, Russian)
 PERIODICAL: Izvestiia Akad. Nauk SSSR, Otdel. Tekhn., 1957, Vol 21, Nr 3,
pp 184 - 186 (U.S.S.R.)
 Received: 6 / 1957

Reviewed: 7 / 1957

ABSTRACT: This is the further development of the method exhibited by the author in "Trudy KhabIIZhT", publishing house Transzheldorizdat, Nr 3. In it, instead of the construction of auxiliary hyperboles, a uniform scale on a segment 0 : 1 is used. The reduced formula for the ordinate of the cable line reads as follows:

$$\eta = \frac{\eta_p H_p + 1/2l \sum u_i p_i}{H_p + 1/2(l/f) \sum v_i p_i}$$

H_p - the distance of the distributed load in an arc with three joints and an unsupported span $2l$ at the rise of the curve f ,
 η - the ordinate of the cable line which corresponds to the distributed load. p_i - the individual loads which are transmitted to the arch, u_i and v_i are dimensionless quantities. This formula gives the final ordinates of the cable line in respect to the

Card 1/2

PA - 3092

The Construction of a Funicular Polygon.

distributed load as well as the individual weights.
(5 illustrations and 1 citation from Slav publication).

ASSOCIATION: Not given

PRESENTED BY:

SUBMITTED: 18.12.1956

AVAILABLE: Library of Congress

Card 2/2

FILIN, A.P.

AUTHOR: FILIN, A.P. (Leningrad) 40-5-9/20
TITLE: Interpolation Polynomials for Functions of Several Variables
(Interpolyatsionnye polinomy dlya funktsiy neskol'kikh pere-
mennykh)
PERIODICAL: Prikladnaya Mat. i Mekh., 1957, Vol.21, Nr 5, pp.678-688 (USSR)
ABSTRACT: In the present paper two forms of representation of interpolation polynomials for functions of several variables are presented, by which an approximation can be obtained with the aid of coefficients calculated once for all. The necessary coefficients were compiled in tables. The calculation method of the author is based on a generalization of the interpolation method usual for functions of one variable. The range of interpolation is divided into equal parts.
Starting from the interpolation polynomials in the Lagrange form, the author represents at first the relations for functions of one variable and then he generalizes them to functions of two variables. The very long and practically complicated formulas of the author can be somewhat simplified by applying a theorem proved in the paper concerning the properties of the block matrix of the interpolation polynomials. By a special example the application of the method is shown.

Card 1/2

Interpolation Polynomials for Functions of Several Variables 40-5-9/20

There are 1 figure, 5 tables, and 5 references, 4 of which are Slavic. The author particularly refers to the papers by V.N. Faddeyeva [Ref.2], Sh. Ye. Mikeladze [Ref.3], and A.A. Markova.

SUBMITTED: September 26, 1956

AVAILABLE: Library of Congress

Card 2/2

FILIN, A.P., doktor tekhn.nauk, prof.

Designing arches by means of their critical state, Sbor. LIIZHT
no.156:89-101 '58. (MIRA 11:9)
(Arches)

Filin, A.P.

PAGE 1 BOOK EXPLOITATION

Sov/2660

16(1) 1956

Vsesoyuznyy matematicheskiy "zvezd." 3rd, Moscow, 1956
Trudy, t. 4: Kratkiye soderzhaniiye selekcionnykh dokladov. Doklady
internatsional'nykh ucheniyin (Transactions of the 3rd All-Union Mathemat-
ical Conference in Moscow). Vol. 4. Summary of Selected Reports.
Reports of Foreign Scientists) Moscow. Izd-vo AN SSSR, 1959.
 247 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskiy institut.

Tech. Ed.: G.M. Shelechkin; Editorial Board: A.A. Abramov, V.G. Bolyanskiy, A.M. Vasili'yev, B.V. Medvedev, A.D. Myshkis, S.M. Nikolskiy (dep. Ed.), A.G. Postnikov, Yu. V. Prokhorov, K.A. Ryzhikov, P.L. Ul'yanov, V.A. Uspenskiy, N.G. Chetayev, O. Ye. Shabat, and A.I. Shirokov.

PURPOSE: This book is intended for mathematicians and physicists.

COVERAGE: The book is Volume IV of the Transactions of the Third All-Union Mathematical Conference, held in June and July 1956.

The book is divided into two main parts. The first part contains summaries of the papers presented by Soviet scientists at the Conference that were not included in the first two volumes. The second part contains the texts of reports submitted to the editor by non-Soviet scientists. In those cases when the non-Soviet scientist did not submit a copy of his paper to the editor, the editor did not cite the paper in the paper. In the paper, reference is made to the appropriate volume. The paper, which Soviet and non-Soviet, cover various topics in number theory, algebra, differential and integral equations, function theory, mechanics, probability theory, topology, mathematical logic, and the foundations of mathematics, and the history of mathematics.

Litvinov, M.V. (Kiev). On certain methods of solving large systems of difference equations of the theory of elasticity by systems of matter transformations 98

Hnatsyan, M.S. (Yerevan). On the construction of effective solutions of certain mixed boundary value problems of mathematical physics for polygonal regions 98

Prokhorov, Yu.I. (Moscow). On the use of electronic computers in the calculation and interpretation of vibrational molecular spectra 99

Rudelson, I.M. (Kiev). On the evaluation of eigenvalues of linear operators in Hilbert space 99

Safin, A.P. (Saint-Petersburg). Interpolation polynomials for functions of two variables 100

FILIN, A.P., doktor tekhn. nauk prof. (Leningrad); GREN', Ye.S., inzh.
(Leningrad)

Calculating multiple indeterminate systems by means of orthonormed
functions. Issl. po teor. sooruzh. no.8:273-219 '59.

(Structures, Theory of) (MIRA 12:12)

~~FILIN~~ A.P., doktor tekhn. nauk prof. (Leningrad); SHESTAKOV, A.V.,
kand. tekhn. nauk (Khabarovsk)

Characteristic shape of bridge arches and vaults. Issl. po teor.
sooruzh. no.8:407-415 '59. (MIRA 12:12)
(Bridges--Design)

FILIN, A.P., prof., POPOV, N.I., inzh.

Designing arches according to limiting states. Sbor. LIIZH
no. 164:154-162 '59. (MIRA 13:8)
(Arches)

SNITKO, Nikolay Konstantinovich, prof., doktor tekhn.nauk; RABINOVICH, I.M., prof., doktor tekhn.nauk, retsenzent; FILIN, A.P., prof., doktor tekhn.nauk, nauchnyy red.; KAPLAN, M.Ya., red.izd-va; VORONETSKAYA, L.V., tekhn.red.

[Dynamics of structures] Dinamika sooruzhenii. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960.
355 p. (MIRA 13:7)

1. Chlen-korrespondent AN SSSR (for Rabinovich).
(Structures, Theory of) (Vibration)

FILIN, A.P., doktor tekhn.nauk, prof.; SAMOYLOV, A.A., kand.tekhn.nauk

Experimental study of models of reinforced concrete cupolas or shells. Sbor. trud. LIIZHT no.174:273-299 '60. (MIRA 15:11)
(Domes) (Roofs, Shell)

SEGAL' Aleksandr Iosifovich; FILIN, A.P., prof., doktor tekhn. nauk,
retsenzent; AFANAS'YEV, A.M., kand. tekhn. nauk, dots.,
nauchnyy red.; SOSIPATROV, O.A., red.; FRUMKIN, P.S., tekhn.
red.

[Applied theory of elasticity] Prikladnaia teoriia uprugosti.
Izd.2., dop. i ispr. Leningrad, Gos. soiuznoe izd-vo sudostroit.
promyshl., 1961. 267 p. (MIRA 15:1)

(Elasticity)

DIKOVICH, Igor' Leonidovich; KACHANOV, L.M., prof., doktor fiz.-mat. nauk, retsenzent; FILIN, A.P., prof., doktor tekhn. nauk, retsenzent; NOVOZHILOV, V.V., red.; KUSKOVA, A.I., red.; SHISHKOVA, L.M., tekhn. red.

[Dynamics of elastoplastic beams] Dinamika uprugo-plasticheskikh balok. Leningrad, Sudpromgiz, 1962. 291 p.

(MIRA 15:10)

(Beams and girders)

DENISOV, E.I.; KOVSHOV, N.I.; FILIN, A.P.

Means for individual protection against industrial noise.
Mashinostroitel' no.8:43-44 Ag '63. (MIRA 16:10)

FILIN, A. P. (Leningrad)

"Analysis of continual systems on the basis of discrete design schemes
by the methods of structural mechanics of bar systems".

report presented at the 2nd All-Union Congress on Theoretical and Applied
Mechanics, Moscow, 29 January - 5 February 1964.

MERKIN, A.P.; FILIN, A.P.; ZEMTSOV, D.G.

Formation of the macrostructure of cellular concrete. Stroi.mat.
9 no.12:10-12 D '63. (MIRA 17:3)

KLYACHKO, A.L., inzh.; ODINOV, M.I., inzh.; GLUKHOVSKIY, K.A.,
kand. tekhn. nauk, inzh., red.; GVOZDEV, A.A., doktor
tekhn. nauk, prof., red.; GORENSHTEYN, B.V., kand.
tekhn. nauk, red.; KOSTYUKOVSKIY, M.G., kand. tekhn.
nauk, red.; KRYLOV, N.A. doktor tekhn. nauk, red.;
KUREK, N.M., kand. tekhn. nauk, red.; LEVINSKIY, L.G.,
inzh., red.; LOBANOV, N.D., inzh., red.; MOROZOV, A.P.,
inzh., red.; ONIASHVILI, O.D., doktor tekhn. nauk, prof.,
red.; SAKHNOVSKIY, K.V., doktor tekhn. nauk, prof., red.;
FILIN, A.P., doktor tekhn. nauk, prof., red.; YEFIMOV,
A.D., inzh., nauchn. red.

[Three-dimensions" structural elements in the U.S.S.R.;
materials of the All-Union Conference on Precast
Reinforced Concrete Three-Dimensional Elements held in
November 13-17, 1962 in Leningrad] Prostranstvennye kon-
struktii v SSSR; po materialam pervogo Vsesoiuznogo so-
veshchaniia po sbornym zhelezobetonnym prostranstvennym
konstruktiiam, sostoiavshegosia 13-17 noiabria 1962 g.
v Leningrade. Leningrad, Stroizdat, 1964. 461 p.

(MIRA 17:11)

1. Nauchno-tehnicheskoye obshchestvo stroitel'noy indu-
strii SSSR. Leningradskoye otdeleniye.

FTIN, A P. (Leningrad)

Statics of rod systems based on fundamental assumptions of
functional analysis. Izv. AN SSSR. Mekh. i mashinostr. no.1:9-26
Ja-F '64. (MIRA 17:4)

FILIN, A.P.

Using electronic digital computers in the theory of structures.
Izv. AN SSSR. Mekh. i mashinostr. no. 2:188-192 Mr-Ap '64.
(MIRA 17:5)

1. Author: Popov, Yu. P. (Leningrad)

2. Title: Elemental computational schemes in structural mechanics

3. Date: 1980 (Tsentral'noye Matematicheskoye i vychislitel'noye Tsvetnoye, No. 5, 1980, 38-42)

4. Subject: Structural mechanics, aerospace structures

5. Abstract: Computational schemes for the solution of problems in structural mechanics, aerospace structures, and the theory of functions of a complex variable are presented. The schemes are based on the use of the finite element method, the finite difference method, and the finite volume method. The schemes are used to solve problems of structural mechanics, aerospace structures, and the theory of functions of a complex variable.

ACCESSION NR: AP5017195

the basis of these schemes shows a considerable deviation in many cases from that obtained empirically. Orig. art. has 18 formulas.

ASSOCIATION: none

SUBMITTED: 03Aug64

ENCL: CO

SUP CODE: FE, MA

NO REF Sov: 023

CITER: 017

JPRS

FILIN, Anatoliy Petrovich, prof., doktor tekhn. nauk; LAPIN, V.I.,
red.

[Elements of arch design; a textbook] Elementy rascheta arok;
uchebnoe posobie. Leningrad, Leningr. in-t inzhenerov zhel-dor
transp., 1963. 129 p. (MIRA 18:11)

FILIN, A.P.

Distribution of pores along the radii of their section in gas
concrete and gas sand-lime. Sbor. trud. MISI no. 50:45-47 '65.
(MIRA 18:12)

MERKIN, A.P.; FILIN, A.P.

Relation of the strength of cellular concretes to the size of
the section of the pores. Sbor. trud. MISI no.50:48-50 '65.
(MIRA 18:12)

FILIN, A.P.

State of hearing and methods to prevent occupational disorders
of hearing in drillers. Zdravookhr. Kazakh. 23 no.1:53-57 '63
(MIRA 17:2)

1. Iz Instituta gigiyeny truda i profesional'nykh zabolеваний
AMN SSSR i Kazakhskogo instituta gigiyeny truda i professio-
nal'nykh zabolеваний.

САЛУХИАНА, Е.Н.; ГИГЕЕВ, А.Р.; ЧЕРНОВА, Е.Н.

Problems of industrial hygiene in the use of power tools.
Vest. AN SSSR 19 no.7:31-36 '64.

(MIRA 18:3)

1. Institut gigigiene truda i professional'nykh saborovaniy
AKN SSSR, Moskva.

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FILIN, A. Ya.

"New Variable Star of the Algol Type. 1935 Librae," Per. zvezdy, 8, No.1, 1951

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1. FILIN, A. YA.
2. USSR (600)
4. Stars, Variable
7. Two uninvestigated variables, KZP 3509 and OP Her.
Per. zvezdy 8 No. 3, 1951
9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

SHIL', A. K.

Stars, Variable

Three univ. stigated variables. Per. zv. zily 6, No. 4, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

FILIN, A. Ya.

Stars, Variable

V532 Cygni. Per. zvezdy 8, No. 5, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

FILIN, A.Ya.

FM Aquilae. Biul. Stal. astron. obser. no. 4:25 '52.

(MLRA 6:6)

1. Stalinabadskaya astronomiceskaya observatoriya. (Stars, Variable)

FILIN, A.Ya.

DO Pegasi. Per.zvezdy 9 no.2:155-156 N '52.

(MLRA 7:2)

1. Stalinabadskaya astronomiceskaya observatoriya Akademii nauk
Tadzhikskoy SSR.
(Stars, Variable)

1. FEDIN, A. Ya.
2. USSR (600)
4. Stars, Variable
7. Five uninvestigated variables. Astron. tsir., No 126, 1952

9. Monthly List of Russian Accessions, Library of Congress, ~~February~~ 1953. Unclassified.

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Stars, Variable

Nine uninvestigated variable stars. Astron. tsir. No. 132, 1952.

Monthly List of Russian Accessions, Library of Congress
June 1952. (UCL.)

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